

Ana Sanchez-Migallon

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40
papers

758
citations

16
h-index

26
g-index

51
ext. papers

810
ext. citations

3.6
avg, IF

3.11
L-index

#	Paper	IF	Citations
40	Anion-dependent self-assembly of silver(I) and diaminotriazines to coordination polymers: non-covalent bonds and role interchange between silver and hydrogen bonds. <i>Inorganic Chemistry</i> , 2008 , 47, 8957-71	5.1	59
39	Enthalpies of Formation of N-Substituted Pyrazoles and Imidazoles. <i>Journal of Physical Chemistry A</i> , 1999 , 103, 9336-9344	2.8	58
38	Green synthesis and self-association of 2,4-diamino-1,3,5-triazine derivatives. <i>New Journal of Chemistry</i> , 2004 , 28, 952-958	3.6	51
37	Microwave-assisted reactions in heterocyclic compounds with applications in medicinal and supramolecular chemistry. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2007 , 10, 877-902	1.3	43
36	Synthesis of 1,3,5-triazines in solvent-free conditions catalysed by silica-supported lewis acids. <i>Green Chemistry</i> , 2002 , 4, 339-343	10	43
35	Selective lithiation of bis(azol-1-yl)methanes. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993 , 1079-1083		41
34	Solvent-free preparation of tris-pyrazolyl-1,3,5-triazines. <i>Tetrahedron</i> , 2001 , 57, 4397-4403	2.4	39
33	Microwave assisted synthesis and crystal structures of 2-imidazolines and imidazoles. <i>Tetrahedron</i> , 2006 , 62, 5868-5874	2.4	38
32	Synthesis, structural determination and dynamic behavior of 2-chloro-4,6-bis(pyrazolylamino)-1,3,5-triazines. <i>Organic and Biomolecular Chemistry</i> , 2003 , 1, 4451-7	3.9	34
31	Preparation of α - and β -substituted alanine derivatives by α -amidoalkylation or Michael addition reactions under heterogeneous catalysis assisted by microwave irradiation. <i>Tetrahedron</i> , 2001 , 57, 5421-5428	2.4	31
30	Porphyryns with four azole substituents in meso positions: X-ray crystal structure of Meso-tetrakis-(1-benzylpyrazol-4-yl)-porphyrin at 200 K. <i>Tetrahedron</i> , 1995 , 51, 4779-4800	2.4	27
29	Synthesis of N-Alkylpyrazoles by Phase Transfer Catalysis Without Solvent Without Solvent. <i>Synthetic Communications</i> , 1990 , 20, 2849-2853	1.7	27
28	Multiple Hydrogen Bonds in the Self-Assembly of Aminotriazine and Glutarimide. Decisive Role of the Triazine Substituents. <i>Crystal Growth and Design</i> , 2008 , 8, 1585-1594	3.5	21
27	Enthalpies of combustion, heat capacities, and enthalpies of vaporization of 1-ethylimidazole and 1-ethylpyrazole. <i>Journal of Chemical Thermodynamics</i> , 1999 , 31, 129-138	2.9	20
26	Microwave-Assisted Synthesis and Dynamic Behaviour of N2,N4,N6-Tris(1H-pyrazolyl)-1,3,5-triazine-2,4,6-triamines. <i>QSAR and Combinatorial Science</i> , 2005 , 24, 649-659		19
25	Alkylation of Imidazole by Solid-Liquid Phase Transfer Catalysis in the Absence of Solvent. <i>Synthetic Communications</i> , 1993 , 23, 1783-1786	1.7	18
24	Physically Cross-Linked Hydrogel Based on Phenyl-1,3,5-triazine: Soft Scaffold with Aggregation-Induced Emission. <i>ACS Macro Letters</i> , 2019 , 8, 1391-1395	6.6	15

23	Selective alkylation of pyrrole by phase transfer catalysis in the absence of solvent. <i>Journal of Heterocyclic Chemistry</i> , 1994 , 31, 1715-1717	1.9	14
22	Phase Transfer Catalysis without Solvent. Use of Alkyl Iodides. <i>Synthetic Communications</i> , 1989 , 19, 293-296		13
21	Microwave-assisted selective and efficient synthesis of 1,3,5-triazinyl mono and bisureas. <i>Tetrahedron</i> , 2014 , 70, 1733-1739	2.4	12
20	The Unusual Transformation of an Aromatic 1H-Imidazole into a Non-Aromatic 2H-Imidazole. <i>Structural Chemistry</i> , 2005 , 16, 485-490	1.8	12
19	Microwave-assisted selective synthesis of mono- and bistriazines with π -conjugated spacers and study of the optoelectronic properties. <i>Journal of Organic Chemistry</i> , 2014 , 79, 4909-19	4.2	11
18	Microwave-assisted synthesis of pyrazolyl bistriazines. <i>Tetrahedron</i> , 2010 , 66, 121-127	2.4	10
17	Microwave-assisted synthesis of bipyrazolyls and pyrazolyl-substituted pyrimidines. <i>Tetrahedron</i> , 2007 , 63, 748-753	2.4	9
16	The Structure of N1-Hydroxylophine N3-Oxide (=1-Hydroxy-2,4,5- triphenyl-1H-imidazole 3-Oxide) in the Solid State. <i>Helvetica Chimica Acta</i> , 2003 , 86, 1026-1039	2	9
15	Solvent-Free Microwave-Assisted Synthesis of 2,5-Dimethoxyphenylaminotriazines. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 3405-3411	8.3	8
14	Enhancing stereochemical diversity by means of microwave irradiation in the absence of solvent: synthesis of highly substituted nitroproline esters via 1,3-dipolar reactions. <i>Molecular Diversity</i> , 2003 , 7, 175-80	3.1	8
13	Synthesis of 4-(4-pyridyl)oxazoles. <i>Tetrahedron</i> , 1994 , 50, 10061-10072	2.4	8
12	Stimuli-responsive graphene-based hydrogel driven by disruption of triazine hydrophobic interactions. <i>Nanoscale</i> , 2020 , 12, 7072-7081	7.7	7
11	Synthesis of imine-derived triazines with Donor-Acceptor properties. <i>Journal of Cleaner Production</i> , 2016 , 118, 223-228	10.3	7
10	Anticancer drug discovery and pharmaceutical chemistry: a history. <i>Clinical and Translational Oncology</i> , 2006 , 8, 717-28	3.6	7
9	Solvent-free synthesis and structural characterization of azolyl-substituted pyrimidines. <i>New Journal of Chemistry</i> , 2002 , 26, 926-932	3.6	7
8	Quaternization and dequaternization of pyrazoles in solvent-free conditions: Conventional heating versus microwave irradiation. <i>Journal of Heterocyclic Chemistry</i> , 1999 , 36, 889-894	1.9	6
7	Porphyryns with four azole substituents in meso positions. Part 2. X-ray crystal structure of meso-tetrakis {1-[2-(trimethylsilyl)ethoxymethyl]pyrazol-5-yl}-porphyrin at 200 K. <i>Tetrahedron</i> , 1996 , 52, 10811-10822	2.4	5
6	On-Demand Hydrophobic Drug Release Based on Microwave-Responsive Graphene Hydrogel Scaffolds. <i>Chemistry - A European Journal</i> , 2020 , 26, 17069-17080	4.8	5

5	Bistriazine-based streptocyanines. Preparation, structural determination and optoelectronic properties. <i>Dyes and Pigments</i> , 2016 , 131, 307-319	4.6	5
4	Green synthesis of luminescent blue emitters based on bistriazines with naphthalene as a π -conjugated spacer. <i>Dyes and Pigments</i> , 2016 , 124, 203-209	4.6	4
3	Solvent-free microwave-assisted synthesis of new 2,4-dimethoxybenzylaminotriazines. <i>Arkivoc</i> , 2014 , 2014, 308-318	0.9	3
2	Triazine-Carbon Nanotubes: New Platforms for the Design of Flavin Receptors. <i>Chemistry - A European Journal</i> , 2016 , 22, 8879-88	4.8	2
1	Magnetically responsive hydrophobic pockets for on/off drug release. <i>Materials Today Chemistry</i> , 2022 , 23, 100702	6.2	1